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October 29, 2004

From: Dan Cleveland

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| Group No 1631 | United States Patent Office | (703) 872-9306 | |

Number of Pages Transmitted (including this cover sheet): 11

Applicant: Christopher M. Fender et al.

Examiner: Ardin H. Marschel

Serial No.: 10/079,468

Group Art Unit: 1631

Filed: February 19, 2002

Confirmation No. 6678

For: USE OF INFRARED
SPECTROSCOPY IN GENOTYPIC
ANALYSIS


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| CERTIFICATE OF TRANSMISSION (37 CFR 1.8) Applicant(s): Christopher M. Fender et al. | | | Atty Docket No. 399483 |
| Application No. 10/079,468 | Filing Date February 19, 2002 | Examiner Ardin H. Marschel | Group Art Unit 1631 |
| Title: USE OF INFRARED SPECTROSCOPY IN GENOTYPIC ANALYSIS | | | |
| <p>Date of Transmittal: <u>October 29, 2004</u></p> <p>I hereby certify that the following documents:</p> <ol style="list-style-type: none">1. Transmittal (1 page)2. Replacement Amendment (8 pages)3. Certificate of Transmission (1 page)4. Fax Cover Sheet (1 page) <p>are being transmitted via facsimile number 703-872-9306 to Group No. 1631, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated above.</p> <div style="text-align: right;">RECEIVED CENTRAL FAX CENTER OCT 29 2004</div> | | | |
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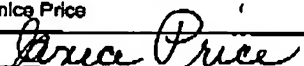
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|--|------------------------|-----------------------|
| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | Application Number | 10/079,468 |
| | Filing Date | February 19, 2002 |
| | First Named Inventor | Christopher M. Fender |
| | Art Unit | 1631 |
| | Examiner Name | Ardin H. Marschel |
| Total Number of Pages in This Submission | Attorney Docket Number | 399483 |

| ENCLOSURES (check all that apply) | | |
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| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Certificate of Transmission (37 CFR 1.8) Fax Cover Sheet |
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PATENT
Attorney Docket No. 399483
Facsimile Number: (703) 872-9306

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Applicant:
Christopher M. Fender

Examiner: Ardin H. Marschel

Serial No.: 10/079,468

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SPECTROSCOPY IN GENOTYPIC
ANALYSIS

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
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REPLACEMENT AMENDMENT

Dear Examiner Marschel:

This Replacement Response is submitted to replace the response filed on October 20, 2004, due to incorrect status indicators for the claims. Please amend the application as follows:

AMENDMENTS TO THE CLAIMS begin on page 2.

REMARKS begin on page 7.